7/29/83 A2575-1A

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *JULY* 22, 1983 **NO. 29**

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 07/22/83	Last Week Ending: 07/15/83	Last Year Week Ending: 07/23/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,676	12,425	12,814	+ 251	- 138
Operable capacity	16,294	16,294	17,382	0	- 1,088
Percent operated	77.8	76.3	73.7		
Motor Gasoline					
Total motor gasoline production	6,862	6,726	6,807	+ 136	+ 55
Finished leaded motor gasoline production	3,054	2,932	*N/A*	+ 122	*N/A*
Finished unleaded motor gasoline production	3,808	3,794	*N/A*	+ 14	*N/A*
Total motor gasoline stocks	223,081	224,041	226,461	- 960	- 3,380
Finished leaded motor gasoline stocks	97,239	97,616	*N/A*	- 377	*N/A*
Finished unleaded motor gasoline stocks	87,604	88,514	89,863	- 910	- 2,259
Distillate Fuel Oil					
Distillate fuel oil production	2,472	2,544	2,813	- 72	- 341
Distillate fuel oil stocks	124,947	122,852	141,936	+ 2,095	- 16,989
Residual Fuel Oil					
Residual fuel oil production	830	810	1,137	+ 20	- 307
Residual fuel oil stocks	48,890	47,845	59,031	+ 1,045	- 10,141
Imports					
Crude oil imports	3,903	3,310	4,443	+ 593	- 540
Product imports	1,611	1,868	1,223	- 257	+ 388
Crude Oil Stocks					
Crude oil stocks	345,239	343,426	345,610	+ 1,813	- 371

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 64 For Week Ended *JULY* 22, 1983 NO. 29

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,141	1,062	1,094	1,229	89.0
Appal. No. 1	70	69	70	177	39.5
DISTRICT 1 TOTAL	1,211	1,131	1,164	1,406	82.8
Appal. No. 2	33	31	33	66	50.0
Ind., Ill., Ky.	1,986	1,856	1,900	2,345	81.0
Minn., Wis., Daks.	288	277	286	296	96.6
Okla., Kans., Mo.	693	624	637	827	77.0
DISTRICT 2 TOTAL	3,000	2,788	2,856	3,534	80.8
Inland Texas	553	497	518	585	88.5
Texas Gulf Coast	3,294	3,000	3,104	3,907	79.4
La. Gulf Coast	2,093●	1,912●	1,936●	2,875	67.3●
N. La. and Ark.	194	169	182	286	63.6
New Mexico	105	87	89	105	84.8
DISTRICT 3 TOTAL	6,239●	5,665●	5,829●	7,758	75.1●
DISTRICT 4 TOTAL	427	449	452	536	84.3
DISTRICT 5 TOTAL	2,371	2,336	2,375	3,060	77.6
TOTAL U.S.	13,248	12,369	12,676	16,294	77.8
TOTAL U.S. Weeks Ended:					
JUL. 15, 1983	12,957●	12,088●	12,425●	16,294	76.3●
JUL. 23, 1982	13,677	12,384	12,814	17,382	73.7
DISTRICTS 1–4 Weeks Ended:					
JUL. 22, 1983	10,877	10,033	10,301	13,234	77.8
JUL. 15, 1983	10,382●	9,781●	10,064●	13,234	76.0●
JUL. 23, 1982	11,540	10,436	10,818	14,290	75.7

● *SEE REVISIONS ON PAGE 7.*

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 22, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	570	240	330	23	32	239	103
Appal. No. 1	32	17	15	2	--	19	2
DISTRICT 1 TOTAL	602	257	345	25	32	258	105
Appal. No. 2	18	10	8	2	1	9	3
Ind., Ill., Ky.	1,263	524	739	19	121	332	47
Minn., Wis., Daks.	164	90	74	4	11	63	7
Okla., Kans., Mo.	489	308	181	16	16	184	8
DISTRICT 2 TOTAL	1,934	932	1,002	41	149	588	65
Inland Texas	283	134	149	25	22	123	16
Texas Gulf Coast	1,639	676	963	60	185	564	277
La. Gulf Coast	1,037●	390●	647●	27	190●	331	79●
N. La. and Ark.	61	28	33	7	--	51	10
New Mexico	42	27	15	17	3	30	3
DISTRICT 3 TOTAL	3,062●	1,255●	1,807●	136	400●	1,099	385●
DISTRICT 4 TOTAL	254	154	100	13	24	115	12
DISTRICT 5 TOTAL	1,010	456	554	48	243	412	263
TOTAL U.S.	6,862	3,054	3,808	263	848	2,472	830
TOTAL U.S. Weeks Ended:							
JUL. 15, 1983	6,726●	2,932●	3,794●	242	813●	2,544	810●
JUL. 23, 1982	6,807	*N/A*	*N/A*	246	748	2,813	1,137
DISTRICTS 1-4 Weeks Ended:							
JUL. 22, 1983	5,852	2,598	3,254	215	605	2,060	567
JUL. 15, 1983	5,673●	2,550●	3,123●	184	553●	2,142	520●
JUL. 23, 1982	5,794	*N/A*	*N/A*	177	567	2,482	850

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available
● *SEE REVISIONS ON PAGE 7.*

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,230	2,839	2,390	1	100	800	7,710	1,743	--
Central Atlantic	28,539	12,072	12,522	3,945	457	4,737	26,146	19,076	12,404
Lower Atlantic	28,155	15,094	12,768	293	265	4,299	13,031	3,698	566
DISTRICT 1 TOTAL	61,924	30,005	27,680	4,239	822	9,836	46,887	24,517	12,970
DISTRICT 2 TOTAL	64,239	30,545	26,162	7,532	1,831	7,644	32,529	3,801	17,712
DISTRICT 3 TOTAL	62,333	23,667	21,705	16,961	2,318	10,188	31,013	11,802●	47,439●
DISTRICT 4 TOTAL	6,596	3,267	1,658	1,671	287	721	3,080	559	2,326
DISTRICT 5 TOTAL	27,989	9,755	10,399	7,835	1,731	6,676	11,438	8,211	25,469
TOTAL U.S.	223,081	97,239	87,604	38,238	6,989	35,065	124,947	48,890	105,916
TOTAL U.S. **Weeks Ended:**									
JUL. 15, 1983	224,041	97,616	88,514	37,911	7,099	35,274	122,852	47,845●	105,126●
JUL. 23, 1982	226,461	*N/A*	89,863	*N/A*	5,980	35,533	141,936	59,031	119,990
DISTRICTS 1–4 **Weeks Ended:**									
JUL. 22, 1983	195,092	87,484	77,205	30,403	5,258	28,389	113,509	40,679	80,447
JUL. 15, 1983	196,453	88,354	77,552	30,547	5,353	28,780	111,808	39,573●	80,109●
JUL. 23, 1982	199,844	*N/A*	80,308	*N/A*	4,559	29,844	130,967	49,648	94,465

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 22, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *FEB* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
JUL. 22, 1983	5,885.9	5,920.0	3,459	342	264,323
JUL. 15, 1983	5,885.9	--	3,007●	230	263,223●
JUL. 8, 1983	5,885.9	--	3,427	196	262,960
JUL. 1, 1983	5,893.5	--	3,459	215	264,781
DISTRICT 5 TOTAL					
JUL. 22, 1983	2,812.5	2,821.0	444	7	80,916 *
JUL. 15, 1983	2,812.5	--	303	--	80,203
JUL. 8, 1983	2,812.5	--	205	8	83,232
JUL. 1, 1983	2,794.0	--	282	--	86,004
TOTAL U.S.					
JUL. 22, 1983	8,698.4	8,741.0	3,903	349	345,239 *
JUL. 15, 1983	8,698.4	--	3,310●	230	343,426●
JUL. 8, 1983	8,698.4	--	3,632	204	346,192
JUL. 1, 1983	8,687.5	--	3,741	215	350,785
JUL. 23, 1982	8,856.1/A	--	4,443	204	345,610

**INCLUDES 25,676 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. ●*

/A DOE ACTUAL FOR JULY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
JUL. 22, 1983	16,412	77,189	157,206	13,516	264,323	80,916 *	345,239 *
JUL. 15, 1983	16,462	77,290	155,474●	13,997	263,223●	80,203	343,426●
JUL. 23, 1982	17,636	73,298	157,333	13,253	261,520	84,090	345,610

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7.*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	56	--	56	--	--	53	11	11	--	--	131
Central Atlantic	60	60	--	--	--	159	380	--	10	102	711
Lower Atlantic	60	28	32	--	--	--	154	--	--	--	214
DISTRICT 1 TOTAL											
JUL. 22, 1983	176	88	88	--	--	212	545	11	10	102	1,056
JUL. 15, 1983	234	76	158	--	43	191	715	60	120	27	1,390
JUL. 8, 1983	168	96	72	--	--	260	577	9	41	113	1,168
JUL. 1, 1983	192	104	88	--	31	187	640	6	90	151	1,297
DISTRICTS 2–4 TOTAL											
JUL. 22, 1983	17	8	9	--	4	18	41	95	234	65	474
JUL. 15, 1983	17	14	3	--	--	11	24	68	223	51	394
JUL. 8, 1983	8	5	3	--	4	4	39	67	123	49	294
JUL. 1, 1983	9	9	--	--	--	6	11	118	91	176	411
DISTRICT 5 TOTAL											
JUL. 22, 1983	35	27	8	--	--	5	17	19	--	5	81
JUL. 15, 1983	36	29	7	--	--	5	17	16	--	10	84
JUL. 8, 1983	32	25	7	--	--	5	18	15	--	--	70
JUL. 1, 1983	38	30	8	--	2	17	17	16	34	6	130
TOTAL U.S.	228	123	105	--	4	235	603	125	244	172	1,611
TOTAL U.S. Weeks Ended:											
JUL. 15, 1983	287	119	168	--	43	207	756	144	343	88	1,868
JUL. 8, 1983	208	126	82	--	4	269	634	91	164	162	1,532
JUL. 1, 1983	239	143	96	--	33	210	668	140	215	333	1,838
JUL. 23, 1982	161	N/A	65	--	14	232	462	179	156	19	1,223

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based o data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments rrom Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

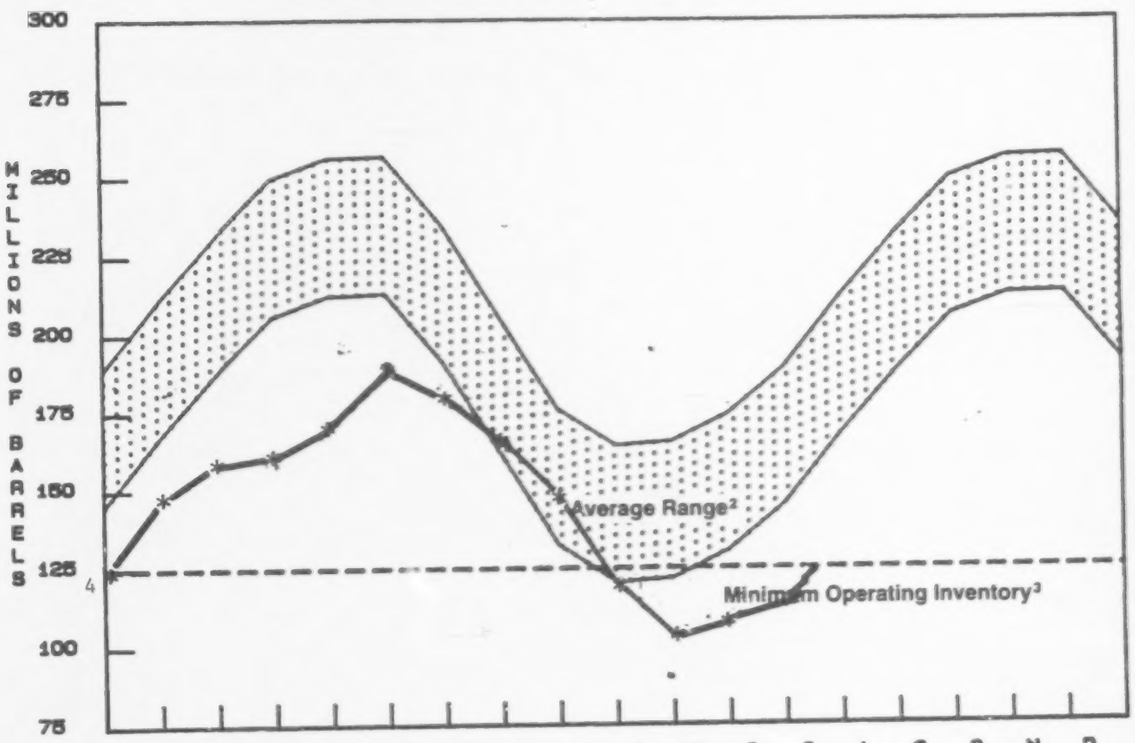
REVISIONS

7/15/83	PAGE 1	TOTAL REFINERY INPUT	LA. GULF COAST	1,962
			DISTRICT 3 TOTAL	5,890
			TOTAL U.S.	12,957
			DISTRICTS 1-4	10,382
		CRUDE OIL RUNS	LA. GULF COAST	1,843
			DISTRICT 3 TOTAL	5,457
			TOTAL U.S.	12,088
			DISTRICTS 1-4	9,781
		INPUT TO CRUDE OIL	LA. GULF COAST	1,880
			DISTRICT 3 TOTAL	5,638
			TOTAL U.S.	12,425
			DISTRICTS 1-4	10,064
		O/O OPERATED	LA. GULF COAST	65.4
			DISTRICT 3 TOTAL	72.7
			TOTAL U.S.	76.3
			DISTRICTS 1-4	76.0
	PAGE 2	TOTAL MGAS	LA. GULF COAST	897
			DISTRICT 3 TOTAL	2,875
			TOTAL U.S.	6,726
			DISTRICTS 1-4	5,673
		LEADED MGAS	LA. GULF COAST	311
			DISTRICT 3 TOTAL	1,220
			TOTAL U.S.	2,932
			DISTRICTS 1-4	2,550
		UNLEADED MGAS	LA. GULF COAST	586
			DISTRICT 3 TOTAL	1,655
			TOTAL U.S.	3,794
			DISTRICTS 1-4	3,123
		KEROSINE JET	LA. GULF COAST	187
			DISTRICT 3 TOTAL	397
			TOTAL U.S.	813
			DISTRICTS 1-4	553
		RESIDUAL FUEL	LA. GULF COAST	74
			DISTRICT 3 TOTAL	341
			TOTAL U.S.	810
			DISTRICTS 1-4	520
	PAGE 3	RESIDUAL FUEL	DISTRICT 3 TOTAL	10,827
			TOTAL U.S.	47,845

REVISIONS

	UNFINISHED OILS	DISTRICTS 1-4	39,573
		DISTRICT 3 TOTAL	47,514
		TOTAL U.S.	105,126
		DISTRICTS 1-4	80,109
PAGE 4 TOP	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	3,007
		TOTAL U.S.	3,310
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	263,223
		TOTAL U.S.	343,426
	ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	24,165
PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 3	155,474
	TOTAL	TOTAL PAD DISTRICTS 1-4	263,223
	TOTAL	TOTAL U.S.	343,426

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

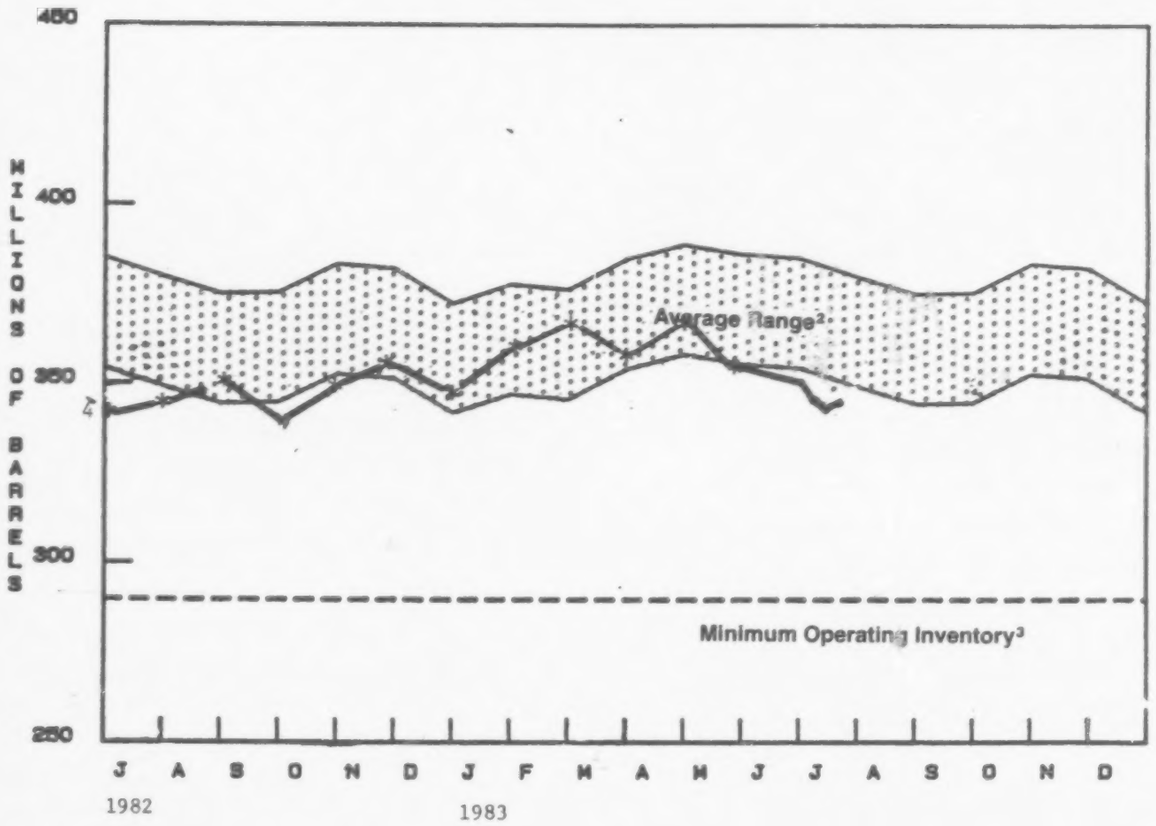
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 22, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

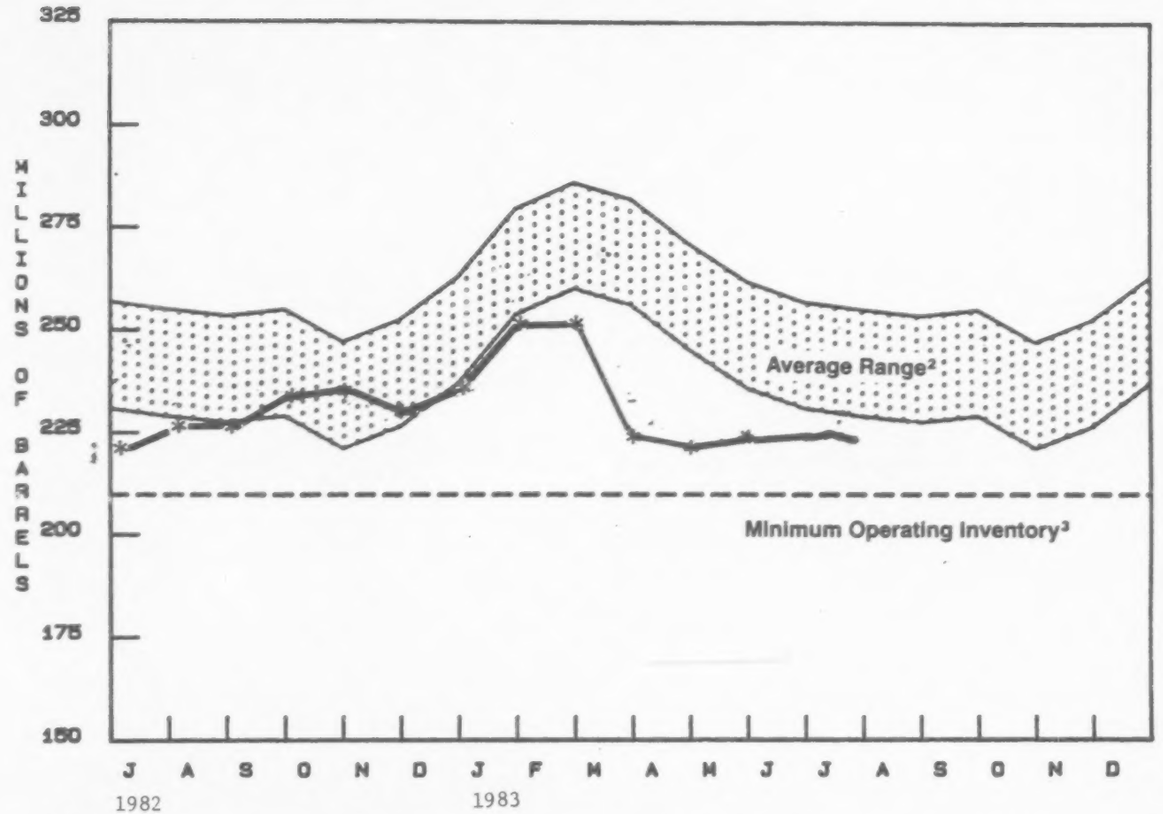
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 22, 1983

Motor Gasoline Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.